TO CORRESPONDENTS.

"*Portsmouth Block Machinery.*"—"N. R's." statement is support of his assertion next week.

"*Burning the Dead.*"—Several communications on this subject stand over.

"*Window Tax.*"—"J. R." will find a reply in Mr Hickson's remarks in our present number.

"W. C.," "C. G." (not yet read), "H. G.," "P. P.," "Cecilia," "C. B." (we decline giving addresses), "E. L.," "O. O. O." (the arrangement would of course include means for the periodical conveyance of the bodies), "M. N.," "P. G." (we are forced to decline, such inquiries are so numerous), "B. B." (shall appear), "J. G. H." (sketches duly received; shall be attended to in a day or two), "T. B." (we are unable to assist), "Subscriber from Commencement" (No. 31, Great Marlborough-street), "Zero," (the rails of the Great Western were originally laid, as now, on the broad guage), "W. J. W." (declined with thanks), "F. W. S.," "H." (hide a bit). "G. F. H." (all depends on the communication which took place; we cannot offer an opinion), "R. B.," "Metator," "W. C." (shall hear from us), "C. R. S.," "M. P.," "A Lady," "J. L. T." (such roofing is not trustworthy), "C. F. jun.," "E. A. A.," "O. M.," "A Catholic Subscriber," "R. M.," "F. G." (the openings should be deducted), "J. L.," Dublin.—"Description of a Roman Building; &c., at Caerleon," by J. E. Lee (J. R. Smith, Compton-street); "View of Ranelagh House, Whitehall," by O. H. Hansard, Architect (Weale); "Report on Permanent Way," by P. W. Barlow, C. E.; "Pasquin," Nos. 1 and 3; "London (Watford) Spring Water Company," Report by Mr. Homersham, C. E. (Weale); "The Building Societies' Directory" (E. Wilson, Royal Exchange, London).

ADVERTISEMENTS.

TO DRAUGHTSMEN AND CIVIL ENGINEERS.

H. MORRELL, BLACK LEAD PENCIL MANUFACTURER, No. 149, Fleet-street, London.

These Pencils are prepared in various degrees of hardness and shading.

H H H for drawing on wood.	F F light and shading.
H H H for architectural use.	F for general use.
H H H for engineering.	H black for shading.
H sketching.	H H ditto ditto
H B hard and black for drawing.	H H H ditto ditto
M medium.	B B B B ditto ditto

Sold by all the principal Stationers in town or country.

CHEAP STATIONERY DEPOT for Architects, Builders, and the Profession generally.—Note-paper, five quires for 6d.; Letter-paper, five quires for 1s.; Envelopes 4d. per 100; best Sealing-wax, fifteen sticks for 1s.; Double Elephant, 6d. per sheet; Cartridge, 1s. 6d. per quire; best Pen (cut and ruled to any pattern, 1s.—Inferior, 6d. and upwards; Steel Pens, 1s. per gross; and every at description of Stationery at equally low prices.—Orders (per post) promptly attended to, and the goods delivered free to any part of London.—Address to JOHN SEWELL, Wholesale and Retail Stationer, No. 11, Stockbridge-terrace, Pimlico.

ANCIENT HOUSE FURNITURE.—In order to supply the deficiency which has hitherto existed in Furniture, suitable for the many Mansions that have been erected or restored in the MEDIÆVAL STYLES, Messrs CRACE have directed their particular attention to this subject, and have prepared appropriate specimens in the various branches of furnishing

STUFF for HANGINGS, in simple worsted damask, also in tapestry of Saudcrtin.

CARPETS, plain or in rich velvet pile, with appropriate borders.

PAPER HANGINGS of various kinds.

OAK CABINETS, Buffets, Octagon, Library, and occasional Tables, Benches, Chairs, and other useful and appropriate furniture.

The whole of the above-mentioned furniture, &c., are designed after ancient authorities, and executed under the immediate superintendence of Mr. A. W. PUGIN, architect. In order to render this furniture generally available, a considerable portion has been arranged in the simplest manner consistent with its ancient character.—No. 14, Wigmore-street, January, 1850.

IRON SASH ROOFS for CONSERVATORIES &c. Verandahs, cast or wrought Balconies, light or heavy Railings, Gates, curtained Wire Fences, Hurdles, Iron Bedsteads; also every description of cast or wrought-iron work for building purposes, corrugated and galvanized iron Roofing, &c., on the most equitable terms, by J. BULLOCH and Co., Hope Iron Works, Primrose-street, Bishopsgate.—Buildings heated by hot water.

IRON SHUTTERS.—The PATENT CONVEX REVOLVING IRON SHUTTERS are cheaper, twelve times stronger, work easier, cannot run down, and roll up in one-third less room than any other shutters made. Harcourt Quinsey, Patentee.

CLARK and Co., Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC CASH BARS, ASTRAGALS, MOULDINGS, STALL-BOARD PLATES, &c. &c., in brass, copper, and zinc. Fine Fittings, Chandeliers, and Internal Rest Fittings for Shops of every description. WROUGHT-IRON GIRDERS, HOT-WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them in use will be forwarded free on application to CLARK and Co., Engineers, 139, Wapping, London, or to Mr G. HIGGSTOCK, 17, George-street, Edinburgh, Agent for Scotland

139, STRAND,

To Engineers, Architects, Builders, &c., and to the Shipping and Mining interests.

THE PATENT IMPROVED METALLIC WIRE CORDAGES of R. S. NEWALL and CO.—viz. COPPER CORD for window sash lines, bellhouse sash lines, Bell plate condensers, &c.; SILVERED and GILT METAL CORD for gas stars hangings; IRON CORD for tower clocks, for tent ropes, watch lines, &c., &c., are now very extensively used. Their great advantages are cheapness, durability, flexibility, and elegance of appearance, when compared with hempen and other cordage. They have been satisfactorily established during upwards of six years' experience of their application in every variety of circumstances. R. S. NEWALL and Co.'s Patent Wire Ropes have, it is well known, generally superseded the use of hempen ropes for railway inclines and for colliery-pits, and the attention of the shipping interest is now specially called to their superior adaptation for SHIPS' STANDING RIGGING, for which important purpose the demand is steadily increasing. The Patent Wire Rope is also particularly suited for CABLES for SUSPENSION BRIDGES, STAYS for cranes, shears, &c. Specimens, testimonials, and other particulars, will be forwarded on application. Office, 139, Strand, London; Warehouse, Brunswick-street, Blackwall; Manufactory, Gateshead-on-Tyne.

39, STRAND.

To Noblemen, Landed Gentry, Agriculturists, Road and Railway Contractors, &c.

THE PATENT IRON-WIRE-STRAND FENCING, as furnished, with all its fittings, by R. S. NEWALL and CO., having elicited the unqualified approval of road judges, is confidently recommended as the best fencing for park and farm enclosures or sub-divisions, for temporary agricultural enclosures (instead of any kind of hurdles or nettings), for road sides, and all other fencing. The PATENT WIRE-STRAND FENCE possesses an economy, security, durability, and elegance not to be found in combination in any other fence hitherto introduced. This fencing, as fitted by R. S. NEWALL and CO., after the models of the fences of this material in the Slopes and Home Park at Windsor, has the inherent property of remaining PERFECTLY TIGHT AND RIGID UNDER ANY VARIATIONS OF TEMPERATURE. Though the strands yield under the weight of persons climbing over the fence, they do not take the permanent set, which often renders ordinary wire fencing unsightly; and, owing to the great elasticity and strength of the whole frame, it sustains any pressure from cattle without injury or loss of symmetry.

N.B. The fencing of R. S. N. and Co. is sufficiently palpable to sight to prevent all risk of accidents to cattle from invisibility.

Office, 139, Strand, London; Manufactory, Gateshead-on-Tyne.

TO CONSUMERS of PLASTER of PARIS.—The Advertiser is in a position to supply the above article in quantity at extreme low rates.—Particulars may be had on application.—Address, W. B. WILKINSON, Prudhoe-street, Newcastle-on-Tyne.

ATKINSON'S CEMENT.—This Cement has hitherto been manufactured in Yorkshire, and through long detention at sea, has often proved stale and unfit for use on its arrival in London. By the arrangement now made, the Cement will be manufactured in London, and thus presented to consumers in a fresh and genuine state, by the sole Agents, J. B. WHITE and SONS, Millbank-street, Westminster.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for skirtings, architraves, and panel mouldings, and for internal flooring, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where expedition and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster, Patentees of KEENE'S General Licensees of PARIAN Cement.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best known Cement, but has the advantage over that material of wholly resisting frost. When used as a stucco it does not vegetate or turn green in damp situations, and requires no colouring. Employed as an hydraulic mortar for brickwork, it carries from 6 to 8 measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior cementing power, combined with its eminently hydraulic properties, point it out as the fittest material for building sea and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufactories—J. B. WHITE and SONS, Millbank-street, Westminster, and 36, Seel-street, Liverpool.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to No. 296, page 497; and also Nos. 304 and 326, pages 543 and 591 of "The Builder." For accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to resist the action of water; it is stronger in its cementitious qualities, harder, and more durable than any other description of Cement; it does not vegetate, corrode, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the action of frost and heat. It is manufactured to set in any time from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also by their Agent at the Depôt, 1, Back Goree, Liverpool.

THE PARIAN CEMENT, for INTERNAL STUCCO, which was supplied at Messrs J. & R. MORLEY'S warehouse and dwelling in Wood-street, Cheapside, and in the City, has been used throughout the premises, in every story; altogether about ten thousand yards superficial, chiefly upon recently built walls, and a small portion upon timber partitions, and that with the most perfect and satisfactory result. I feel it also necessary to observe, that the plasterers' work was almost immediately followed up on the next day by the painters, thereby enabling me to have the buildings complete in the shortest possible time, both for business and for the occupation of the establishment. I am, therefore, of opinion, that the use of this new material is a most valuable feature in building operations, and fully justifies that which I was at first led to understand, viz., that it was an extraordinary material. I think it right to mention, that I am at the present time having a great extent of similar work executed at another range of buildings where time and the quality of the work are of the utmost importance.

(Signed) JNO. WALLEN, Architect, London.

To Messrs. Chas. Francis and Sons, Manufacturers, Nine Elms.

MARTIN'S PATENT FIRE-PROOF & ORNAMENTAL CEMENT, APPLICABLE FOR ALL INTERNAL PURPOSES WHERE PLASTERING IS REQUIRED.

This invaluable Cement has now been before the public so many years, and obtained so high a standing in the estimation of all who have used it, that it is unnecessary to comment on its merits. Messrs. STEVENS and SON, however feel called upon to observe that from the greater quantity of surface which a given quantity of MARTIN'S will cover, as compared with other Cements for internal use, there will be found a gain of 181 per cent. in material; full 7 per cent. less in price, with an additional saving in labour of 10 per cent., by its allowing about forty minutes for working, or less than one-tenth of the time of other ornamental or similar nature. Therefore covered with greater facility, making together the economic saving of full THIRTY THREE PER CENT.; its advantages therefore cannot admit of doubt.

Specimens, showing its beauty, hardness, and applicability to all plain and ornamental purposes, may be seen, and the Cement, in any quantities, obtained of Messrs. STEVENS and SON, at their Plaster and Cement Works, 186, Drury-lane, London.—Manufactory, Derwent Mill, Derby.

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Messrs. Gladdish's, Pedlar's-acre, Lambeth.
Mr. J. Thompson, Rock Kiln-street, Manchester.
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Mr. J. Harrison, Lincoln-hill-street, Chester.
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And can be delivered by the Proprietor's own boats to any part of the kingdom.

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City—Purfleet Wharf, Earl-street, Blackfriars.
Pimlico—Grosvenor Basin.
Chelsea—Drawda Wharf.
Paddington—No. 18, North Wharf (adjoining Great Western Terminus).
Camden-town—James-street.
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NEW PATENT MINERAL PAINT.—Invaluable as a coating for SHEET RIDGES and BOTTOMS, all kinds of WOOD or METAL work, roofing felts, leaky roofs, gravels and gutters, dripes, sheds, railing, and all kinds of out-door work, and being perfectly waterproof, will preserve their surfaces from atmospheric influence and decay,—requires no preparation, and will dry in a few hours.—Sold in casks, 1 to 30 gallons. Brilliant Black, 8s.; Rich Brown, 8s. 6d. per gallon.

G. BELL, and Co., No. 16, Bunting-lane, Chesgate.

CAUTION.—THE PATENT ALKALI COMPANY'S METALLIC BLACK AND PURPLE BROWN PAINTS.—Attempts having been made to sell other paints by the aid of the Company's testimonials, the public are informed that the under mentioned are the only authorized agents for the sale of these important and valuable productions:—

AGENTS.—Messrs. Bryant and May, 133, Tooley-street, London; Mr. James Low, Bristol; Messrs. Evans and Hodgson, Exeter; Mr. Samuel John Pitt, Yarmouth, Norfolk; Mr. H. Sanderson, Glascow; Mr. G. Sanderson, Dundee; Mr. R. Keyley, Bradford, Yorkshire; Mr. R. R. Parr, Kidsworth; Mr. W. Bailey, Wolverhampton; Mr. Robert Orland, Plymouth; Mr. H. J. Rueben, Northampton; Mr. Edward Wilson, Manchester; Mr. H. W. Potter, Manchester; Mr. H. W. Lowry, Liverpool.

Orders will also be received and information furnished by the Secretary, Mr. JOHN A. WEST, 1, Bow Broad-street, London.

REDUCED PRICES.—EDWARD SIMMONS late William Cheere, of William-road, Pimlico, begs to acquaint Builders and the Trade that he has now on hand as his Manufactory (the first of its kind ever established) a large Assortment of Dry and Well-seasoned OAK and DEAL PARED FLOORING BOARDS and MATCH BOARDING of all sorts, from 1 inch to 1½ inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash Sills, Mouldings prepared by Machinery, Laths, &c.—Apply at E. SIMMONS late W. Cheere's Flooring Manufactory, Wilton-road, Pimlico Basin.

THOMAS ADAMS, Mahogany and Timber Merchant, Bermondsey New-road, Southwark, begs the Builders' Arms to SELLING SEASONED FLOORING at LESS PRICES THAN ARE ADVERTISED; also Seasoned boards and mouldings prepared from the very best materials and in a superior manner. Fir deals and battens of every description; mahogany, cedar, rosewood, satinwood, elm, boards, oak, &c.; pannels, oak, and fir laths; wheelwrights' goods. All sawn and prepared goods (except timber) delivered free of expense, having changed to mill prices. Very extensive drying sheds.

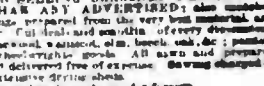
N.B. English timber taken in exchange for foreign.

PRESENT PRICES of SEASONED FLOORING, prepared by improved Machinery. Net cash.

11 in. yellow, per sq.	18s. 6d.	1 in. spruce, per sq.	11s. 6d.
1 " "	17s. 6d.	1 " "	11s. 0d.
1 " "	16s. 6d.	1 " "	10s. 6d.

Within measured after being sawn. Quantities and less than thirty squares delivered within 3 miles free.

SAMUEL ARCHBUTT and Co., Timber Merchants, Sawing and Planing Mills, King's-road, Chelsea.



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TIMBER of any size, PLANK, DEALS, and BATTENS, &c., sawn on the most approved principle. Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods finished from the docks and carted home free of charge.

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OAK TIMBER.—About Forty Loads of winter felled English oak Timber, of large dimensions, FOR SALE at Sunbridge Park, on reasonable terms.—Apply to Mr. A. BLACK, Sunbridge Farm, Bromley, Kent.

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T., W., and J. particularly solicit the attention of architects and builders to the fact that, by the use of this machinery, a very large saving, both of time and money, is effected—a great, indeed, that in many cases they can deliver a well-finished article in Caen stone for less money than it can be obtained in cement, while their wood-carving will, in some cases, be found to come into close competition with the best kinds of composition ornament.—For prices and estimates apply at 184, Strand.

TESTIMONIAL FROM CHARLES BARRY, ESQ.

"Westminster, May 10th, 1850.

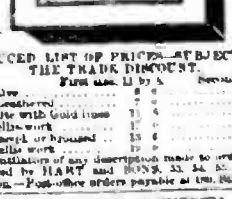
"Gentlemen,—In reply to your letter requesting my opinion of your Patent Carving Machinery, I have much pleasure in stating, from an experience of more than two years, in its application to the production of the wood carvings of the Houses of Parliament, and other apartments of the New Palace, at Westminster, that I am enabled to make the most favourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it to Lords in her Majesty's Commissioners of Woods and Works for adoption.—I remain, Gentlemen, yours faithfully,

"CHARLES BARRY."

Messrs Taylor, Williams, and Jordan."

DAY'S PATENT WIND-GUARD.—Thousands of smoke-chimneys have been cured by simply applying at the top of the chimney this unvarnished, useful, and well tested invention.—T. Day had a model of the manufacturers and sole proprietor, CHAS. WHITE, at the manufactory for the same, Patent Ventilating Works, Commercial-road, Pimlico; and of Messrs. GUBBINS, 27, Queen-street, Cheapside.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



With internal movement, and all the latest improvements. Constructed for the ventilation of apartments generally.

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	First size, 12 by 8	Second size, 16 by 12
Plain Iron Valve	8 6	13 6
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Japanned, white with Gold lines	11 6	16 6
Ditto with Trellis work	13 6	19 6
Brass Front, lacqd. or bronzed	15 6	22 6
Ditto with Trellis work	17 6	27 6

Manufactured to any description made to order.

Manufactured by HART and SONS, 33, 34, 35, Wych-street, Strand, London.—Post-office orders payable at the Strand.

TO THE NOBILITY, GENTRY, ARCHITECTS, BUILDERS AND OTHERS.

T. begs to inform them that he has a large assortment of stained and figured CARVED on hand, and that he can execute stained glass quarry glazing for churches, &c., at one third less than the usual trade price.—A very fine PAINTED CHURCH WINDOW, in six compartments, each 2 feet 3 inches high, and 2 feet 3 inches wide, consisting of the four Evangelists, St Peter and St Paul, To BE SOLD at a cheap rate. Also various pieces of old Painted Glass. Two very handsome CARVED STATUARY CHIMNEY PIECES, TO BE SOLD a great bargain. Any gentleman wanting such things, should not miss the opportunity of seeing them at the above address.

PARKS and HOUSES.—PATENT VENTILATORS are strongly recommended by the faculty: they will be found a very great preservative to health in being applied to bedrooms in all close and confined rooms, supplying plenty of pure air, without the annoyance of draft or dust. They will be found most serviceable where gas is introduced into the house, and a very great preventative to the fevers and all epidemic diseases.—Orders sent to the above address, or to the Manufactory, 13, Gillingham-street, Pimlico, will be punctually attended to.

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